

Name _____ Date _____ Period _____

Look at the satellite image. Label the pieces of the image that you can identify.

Use your labels and the image to answer the following questions in complete sentences.

1. What natural land features were you able to identify?

2. What man made features were you able to identify?

3. Describe what this area would look like today without the man made features.

4. How do you think the man made features have affected the environment? Provide at least four examples of things that are affected.

5. Look closely at the satellite image. Do you think scientists edit these pictures? Why do you think this way?

Satellite images help us to monitor the Earth from a distance. There are several tools used to interpret satellite images and verify the data they present. Define the words below and answer the questions in complete sentences.

6. Define spectral analysis:

How do you think this is used when studying satellite images?

7. Define reflectance curves:

How do you think this is used when studying satellite images?

8. Define ground truthing:

How do you think this is used when studying satellite images?

Review the features of your satellite image to answer the following questions.

9. What changes do you predict will occur over the next 20 years in relation to land use? Why?

10. What resources may need to be more closely managed as the population continues to grow? Why?
